

### 4-6 FEDERAL LANDS APPLICATION MAPS

Federal Land Application Maps are used to secure rights of way, material sites or other transportation interests in Federal lands covered in the Federal Highway Act of August 27, 1958 (23 USC 107 (d) and/or 317, (see Chapter 5 of Right of Way Manual). The major classifications of land involved are unpatented public lands, national forests, Indian lands and surplus U.S. Lands.

#### 4-6.1 Use

- By a Federal Agency in reviewing and approving the application.
- By Headquarters R/W in reviewing and processing the transaction
- For recording in the State Highway Map Book in the County recorder's office when the map is referenced by the conveyance instrument.
- By R/W Engineering as Exhibit in the conveyance instrument.

#### 4-6.2 Map Requirements

##### 4-6.2.1 Detail Map

In addition to the information shown on the R/W Appraisal Map, all application maps must meet the following requirements:

- The Right of Way Appraisal Map shall be used whenever possible as the base for preparation of the application map.
- All application maps shall be 22" x 34" or 11" x 17".
- All application maps shall include a location or index map to graphically depict the right of way plan for the highway facility. Both the Detail Sheet and location or index map should be combined on one sheet wherever practical.
- The right of way parcel(s) applied for shall be depicted by gray shading as appropriate.
- Map information must be legible. Outlining, shading or reduction must not affect legibility.
- Parcel numbers and areas for the required right of way must be shown within or adjacent to each delineated parcel. The standard Appraisal Map grantor block will not be used.
- An adequate legend for clear, complete interpretation of the map, covering symbols of all pertinent items shown on the map such as: access control, control points, parcel or area definition, special items, etc.
- Sufficient information to physically locate the parcel or area on the ground using standard land surveying procedures.
- Basis of Bearing (when California Coordinate System used, include clause, grid factor and zone).
- California Coordinate System coordinates shown on at least two significant points per map sheet, if applicable.
- Show design line and right of way requirements.
- The right of way limit shall be shown by a dominant line and gray shading. All courses shall show bearings and distances or curve data as appropriate. For right of way of uniform width, complete design line data with right of way width noted will be adequate.

- The right of way and/or design line must be tied to the existing land net. Intermediate ties at section lines and at lesser subdivisions shall be included to clarify location of right of way with respect to the smallest legal subdivision.
- Show relationship of the right of way to Ranchos, sections or subdivisions, cities or counties. The smallest legal subdivisions ((40 acre) tracts and lots) must be shown on all surveyed public lands affected by the right of way requirement. Such lines should not show precise bearing and distance data for their location unless re-established through standard surveying procedures. Lines not meeting this criterion shall be shown and labeled “approximate.”
- Show all field evidence uncovered, recovered, and all monuments found or set.
- Access restriction shall be clearly delineated and designated openings clearly defined. Frontage road areas and interchange locations shall be shown.
- Areas of exclusion (private lands, etc.) must show recording information when precise location of boundaries cannot be defined on the map and it is not economically feasible to survey the boundaries.
- The route number in the Federal Aid System, whether primary or secondary, must appear on the map. The Interstate route number must also be shown if the route is in the Interstate System.

See example of Federal Lands Application Map. Index Map:

Combine on same sheet with Detail Map when practical

- Location of application denoted by arrow.
- Roads, other reference information to locate project in relation to the area.

**References:** R/W Manual